

ABSTRACT

A folding lamp rod and junction box structure for lamps comprised of a junction box and lamp rods hinged to the junction box. The junction box has a plurality of portals appropriately arrayed along the plane of its circumference and, furthermore, a pivot hole is formed in the top surface at the lateral edge of each portal in the junction box to provide for movably locating the lamp rods. Each lamp rod has a joint section at its proximal section that is hinged to the junction box and, furthermore, the joint section is coupled via the junction box the pivot hole. The lamp rod has a spring element situated at an appropriate area and, furthermore, the vertex portion of the spring element protrudes slightly to the circumferential edge. When the joint section is conjoined to the junction box, the spring element vertex portion engages the lateral edge of the junction box portal, thereby securing the lamp rod onto the junction box portal. As such, the lamp rod and junction box angle is appropriately adjustable into a parallel arrangement to thereby reduce the overall space occupied by the lamp rods and the junction box when they are shipped.